



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
VASHINGTON, O.C. 2023
www.usplo.gov



Bib Data Sheet

**CONFIRMATION NO. 9458** 

| SERIAL NUMB<br>10/005,104   |  |                                | CLASS<br>23575 |       | GŘC  | GROUP ART UNIT |              | ATTORNEY<br>DOCKET NO.<br>010548 |                      |
|---|--|--------------------------------|----------------|-------|--|----------------|--------------|----------------------------------|----------------------|
| Jay R. Wali   | etchum,<br>Iton, We<br>DATA *  | , Harvard, MA;<br>estford, MA; | <br>GRANT      | ED .  |  | v              | Med          |                                  |                      |
| Foreign Priority claimed yes 📮 no   |  | Type                           | no Met after   |       | SHEETS<br>DRAWING<br>9   |                | TOTAL CLAIMS |                                  | INDEPENDENT<br>CLAMS |
| ADDRESS Sarah Kirkpatrick Intellectual Proper QUALCOMM Inco 5775 Morehouse San Diego ,CA 92 | erty Adm<br>orporate<br>Drive  | ed                             |                |       |  |                |              |                                  | <i>;</i>             |
| TITLE<br>Iterative detection  | n and d∈   | ecoding for a MIMO-O           | OFDM s         | ystem |  |                |              |                                  |                      |
| FILING FEE FRECEIVED 2052   | FEES: Authority has been given in Paper  No to charge/credit DEPOSIT ACCOUI  No for following: |                                |                | NT    | ☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other ☐ Credit |                |              |                                  |                      |